Kurba Max Horizontal and Vertical Dynamic Color | Field Bendable 24V System

optic arts by luminii

Features

Kurba Large is a dot free direct view, highly versatile, energy efficient and flexible LED strip suitable for outdoor wet locations capable of horizontal/side bends and vertical/top bends with a 6" bending radius. The silicone material offers excellent heat, weather, UV, and solvent resistance and has a special coating to repel dust and dirt accumulation.

Output Options

- 2-Wire Warm Dim gradually warms the color temperature as you dim down the brightness
- Tunable White allows individual control of CCT and output
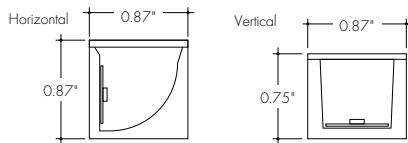
Average Life (L70)
50,000 hours

Approvals
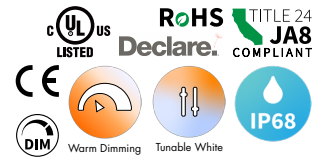24VDC Class 2 wet listed, IP68

Warranty
3 years

Finish Options (see page 2 for additional information)

Base   ☐ White

Horizontal 0.87" / 0.87"
Vertical 0.87" / 0.75"

c(UL)us LISTED | RoHS Declare. | TITLE 24 JA8 COMPLIANT
CE | DIM | Warm Dimming | Tunable White | IP68

Technical Information

Bending Direction	Horizontal		Vertical	
Output	**TW**	**WD**	**TW**	**WD**
Light Output at 3000K	167 lm/ft	160 lm/ft	208 lm/ft	204 lm/ft
Average Power Consumption at 4'	3.66 W/ft	3.66 W/ft	3.66 W/ft	3.66 W/ft
Efficacy	46 lm/W	44 lm/W	57 lm/W	56 lm/W
Ordering Increment	3.28"	2.46"	3.28"	2.46"
Maximum Run Length (In Series)	19'	19'	19'	19'
Operating Temperature Range	-40°F to 131°F	-40°F to 131°F	-40°F to 131°F	-40°F to 131°F
Control/Dimming Protocol	0–10V, DMX	Phase & 0-10V	0–10V, DMX	Phase & 0-10V

Constraints
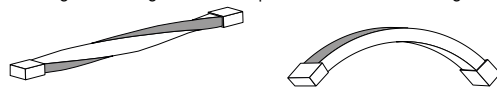
Horizontal Bend Direction
Bend LED in these positions only to avoid damage

8" radius minimum
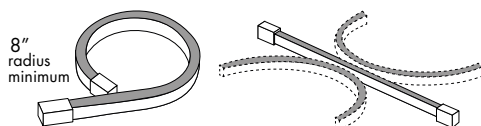
Illuminated surface shown in gray

Horizontal Prohibited Bends
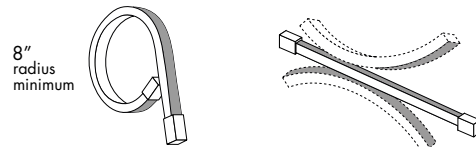Twisting or bending LED in these positions will cause damage

Illuminated surface shown in gray
Do not make sharp bends near the endcap
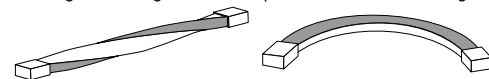
Vertical Bend Direction
Bend LED in these positions only to avoid damage

8" radius minimum

Illuminated surface shown in gray

Vertical Prohibited Bends
Twisting or bending LED in these positions will cause damage

Illuminated surface shown in gray
Do not make sharp bends near the endcap

Ordering Code

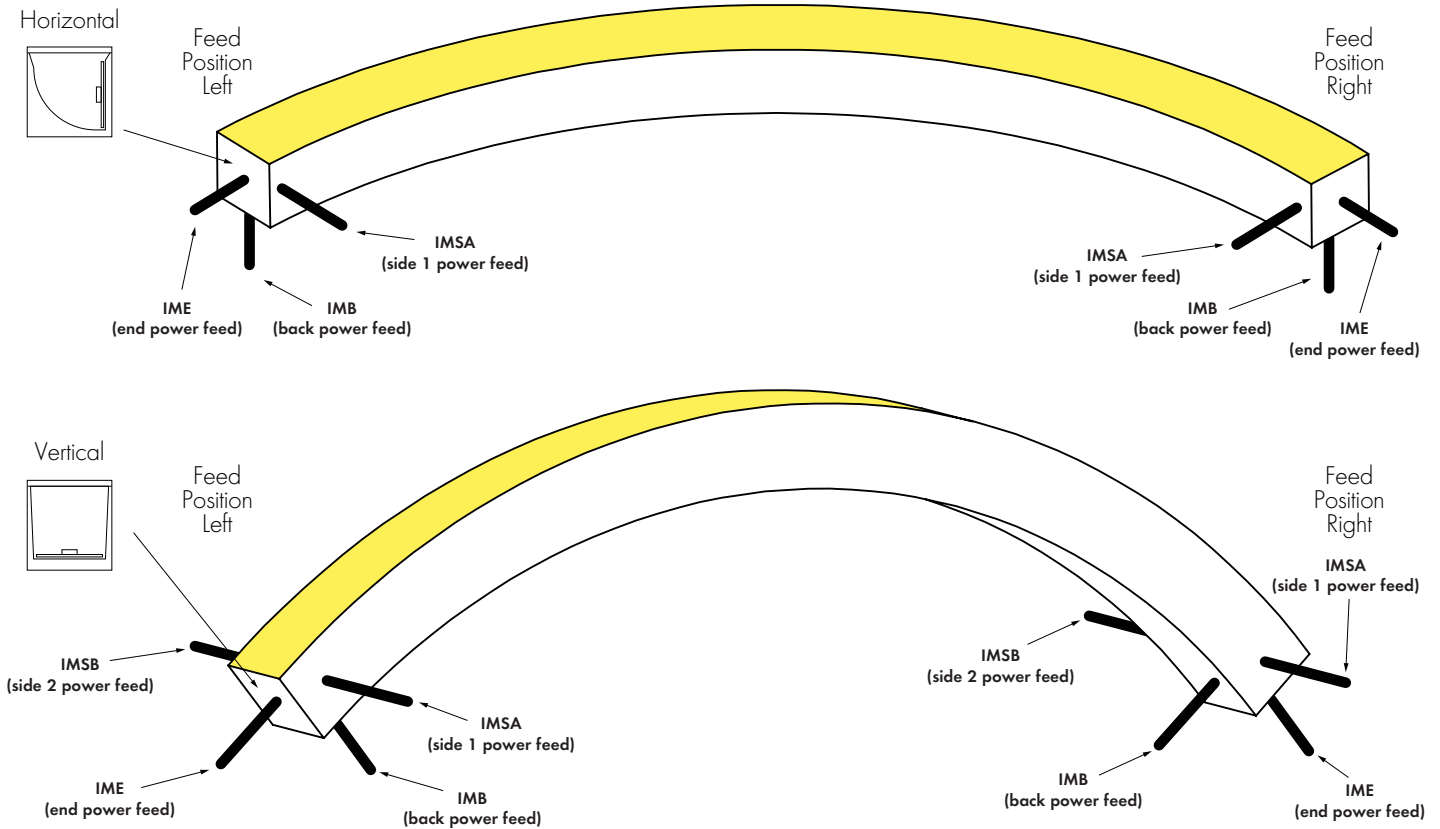| MODEL	RATING	BEND DIRECTION	LENGTH	OUTPUT[1]	CCT	LENS	MOUNTING	FINISH	FEED POSITION LEFT	FEED POSITION RIGHT
KBX - Kurba Max	W - Wet	HB - Horizontal Bending VB - Vertical Bending	SEE PCC CHART ON PAGES 7 & 8	WD59SO - Warm Dim, Standard Output TW51SO - Tunable White, Standard Output	18K30K - 1800K-3000K 22K57K - 2200K-5700K	SF - Silicone Frosted	NA - See Page 6 for orderable mounting accessories	WH - White	INJECTION MOLD IME - End Feed 1 IMB - Back Feed 1 IMSA - Side 1 Feed IMSB - Side 2 Feed[2] NPF - No Power Feed[3]	INJECTION MOLD IME - End Feed 1 IMB - Back Feed 1 IMSA - Side 1 Feed IMSB - Side 2 Feed[2] NPF - No Power Feed[3]

1 - Title 24 JA8 compliant depending on Output, CCT, and Lens selections.
See Technical Information and Lens Transmission charts to calculate specific efficacies.

2 - **IMSB** - Side 2 Feed not available with **HB** - Horizontal Bending

3 - **NPF**-NPF for Feed Position 1&2 is not a valid configuration option

www.luminii.com   T: 224-333-6033

Powerfeeds and Connectors

Power Feed Position Options and Orientation

Horizontal

Feed Position Left

Feed Position Right

IMSA
(side 1 power feed)

IMSA
(side 1 power feed)

IME
(end power feed)

IMB
(back power feed)

IMB
(back power feed)

IME
(end power feed)

Vertical

Feed Position Left

Feed Position Right

IMSB
(side 2 power feed)

IMSA
(side 1 power feed)

IMSA
(side 1 power feed)

IMSB
(side 2 power feed)

IME
(end power feed)

IMB
(back power feed)

IMB
(back power feed)
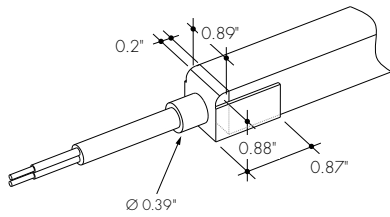
IME
(end power feed)

NOTE: IMSB - Side 2 Feed not available with **HB** - Horizontal Bending

Powerfeed Options

Horizontal Bend

END CONNECTOR
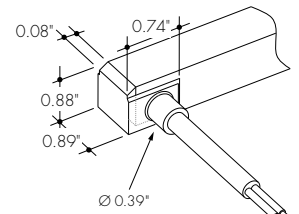Injection-molded End Connector
-IME

0.2" 0.89"
0.88"
0.87"
Ø 0.39"

BACK CONNECTOR
Injection-molded Back Connector
-IMB

0.08"
0.93"
0.89" 0.75"
Ø 0.39"

SIDE CONNECTOR
Injection-molded Side Connector
-IMSA

0.08" 0.74"
0.88"
0.89"
Ø 0.39"

ENDCAP (NO CONNECTOR)
Injection-molded Cap (No Connector)
-NPF

0.08"
0.88"
0.89"
0.75"

ANTI-WICKING FERRULE
Included on every power feed wire

Kurba Fixture

0.43"
4.50"
± 0.40"

Anti-Wicking
Ferrule

Included on every power
feed wire. For protection
against water ingress
from inside of wire.
-IMB shown for reference.

1.18"
0.59"
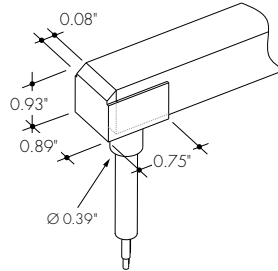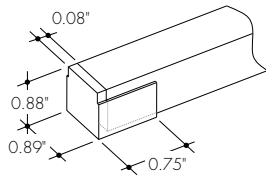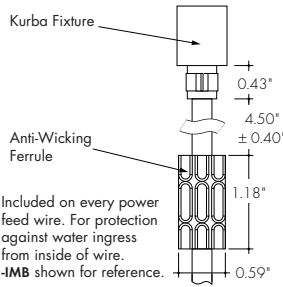
Vertical Bend

END CONNECTOR
Injection-molded End Connector
-IME
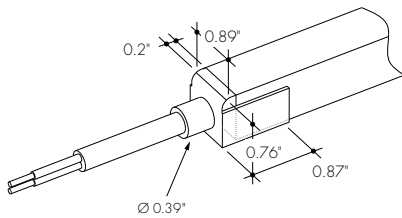
0.2" 0.89"
0.76"
0.87"
Ø 0.39"

BACK CONNECTOR
Injection-molded Back Connector
-IMB

0.08"
0.81"
0.89" 0.75"
Ø 0.39"

SIDE CONNECTOR
Injection-molded Side Connector
-IMSA and **-IMSB**

0.08" 0.75"
0.76"
0.89"
Ø 0.39"

ENDCAP (NO CONNECTOR)
Injection-molded Cap (No Connector)
-NPF

0.08"
0.76"
0.89"
0.75"

ANTI-WICKING FERRULE
Included on every power feed wire

Kurba Fixture

0.43"
4.50"
± 0.40"

Anti-Wicking
Ferrule

Included on every power
feed wire. For protection
against water ingress
from inside of wire.
-IMB shown for reference.

1.18"
0.59"

optic arts
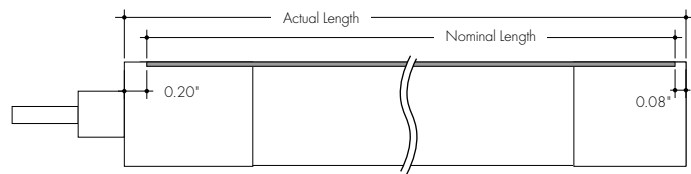by luminii
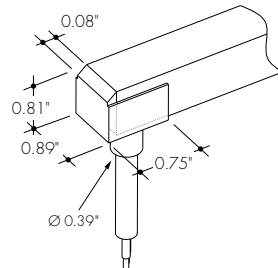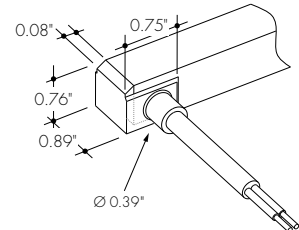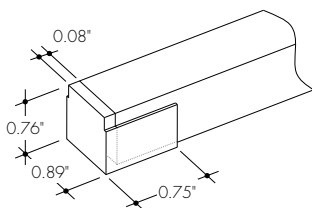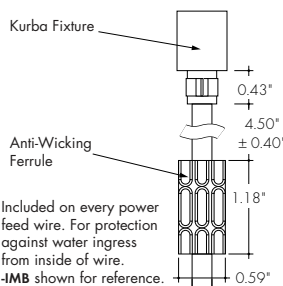
Product Dimensions

Horizontal Bend

Kurba Max Cross Sections
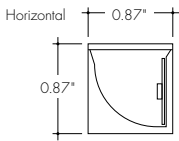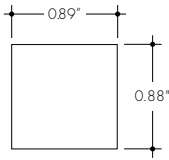
Horizontal 0.87"
0.87"

Example Feed Position
IME - NPF
End Feed 1 to
No Power Feed

0.89"
0.88"

Actual Length
Nominal Length
0.20"
0.08"

Example Feed Position
IMSA - NPF
Side 1 Feed to
No Power Feed

0.89"
0.88"

Actual Length
Nominal Length
0.08"
0.08"

Example Feed Position
IMB - NPF
Back Feed 1 to
No Power Feed

0.89"
0.93"

Actual Length
Nominal Length
0.08"
0.08"

Example Feed Position
IME - IME
End Feed 1 and
End Feed 1

0.89"
0.88"

Actual Length
Nominal Length
0.20"
0.20"
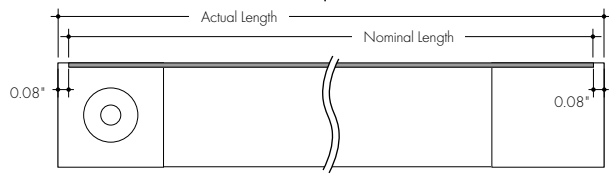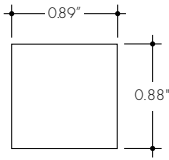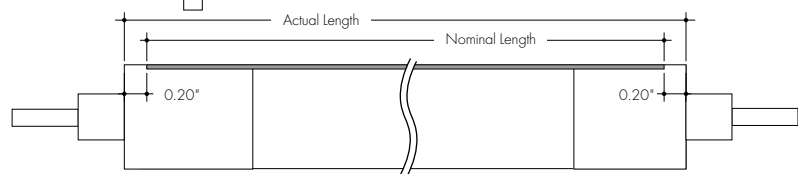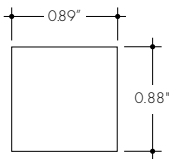
Vertical Bend

Kurba Max Cross Sections
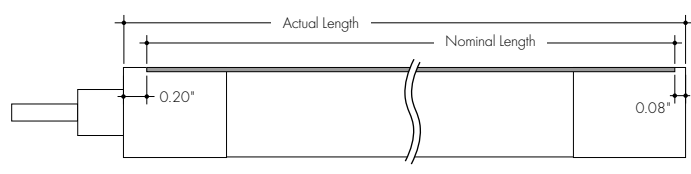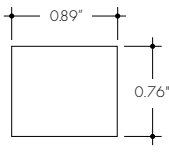
Vertical 0.87"
0.75"

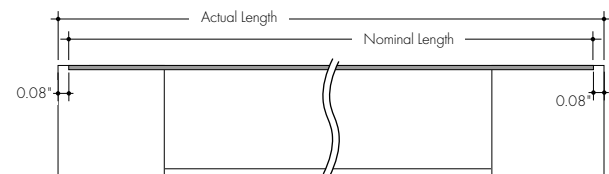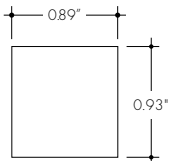**Example Feed Position**
IME - NPF
End Feed 1 to
No Power Feed

0.89"
0.76"

Actual Length
Nominal Length
0.20"
0.08"

Example Feed Position
IMSA - NPF
Side 1 Feed to
No Power Feed

0.89"
0.76"

Actual Length
Nominal Length
0.08"
0.08"

Example Feed Position
IMB - NPF
Back Feed 1 to
No Power Feed

0.89"
0.81"

Actual Length
Nominal Length
0.08"
0.08"

Example Feed Position
IME - IME
End Feed 1 and
End Feed 1

0.89"
0.76"

Actual Length
Nominal Length
0.20"
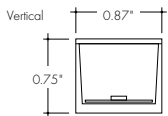0.20"

www.luminii.com   T: 224-333-6033
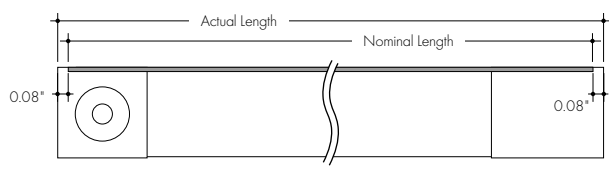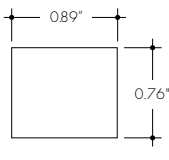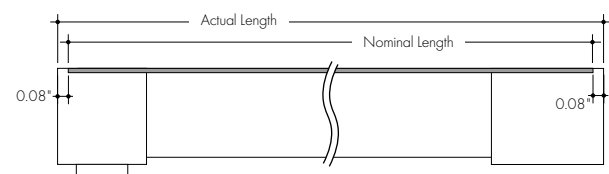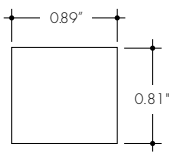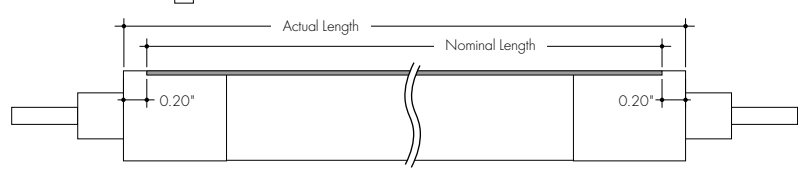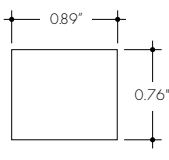
Finish Options

White
Base
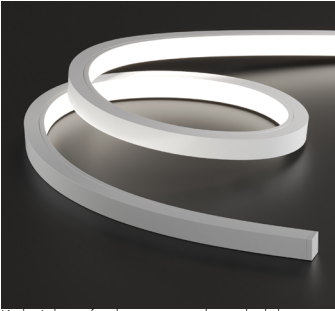
Kurba's base finish is a crisp white which brings a timeless, clean aesthetic that brightens and enhances any space

Light Transmission and Dotting

Output Options	Lens/Accessory
	Silicone Frosted/ White Finish
WD59SO	ND
TW51SO	ND
Transmission Percentage	100%

CD   SD   ND

CD - Clear Dotting
SD - Slight Dotting
ND - No Dotting

optic arts
by luminii

Mounting Accessories

MC-KBX-SAP-SM-0.8-SA
KBX Mounting Channel, Serrated Aluminum Profile, Surface Mount, 0.8in, Silver Anodized
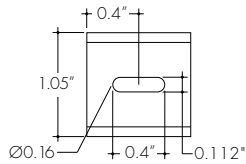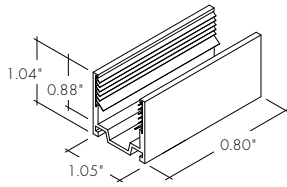
Aluminum mounting bracket providing grip. For use with light strip mounted to the ceiling. 1 recommended every 8 in.

MC-KBX-SAP-SM-78-SA
KBX Mounting Channel, Serrated Aluminum Profile, Surface Mount, 78in, Silver Anodized
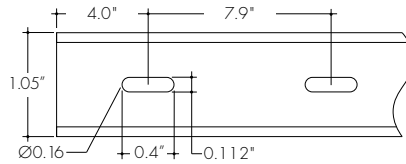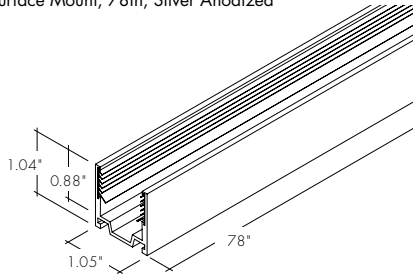
Aluminum mounting channel providing grip. For use with light strip mounted to the ceiling.

MC-FS-KBL-F-V-78
Flanged Mounting Channel with grip, 78"
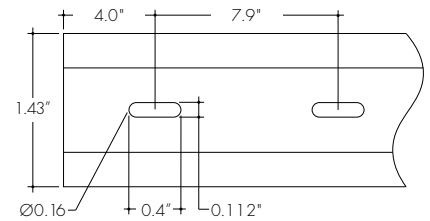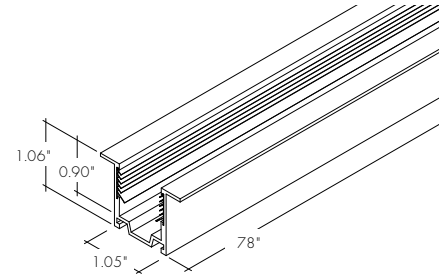
Flanged aluminum mounting channel providing grip. For use with light strip mounted to the ceiling.

MC-KBX-BSAP-HB-SM-38-SA
KBX Mounting Channel, Bendable Serrated Aluminum Profile, Horizontal Bending, Surface Mount, 38in, Silver Anodized
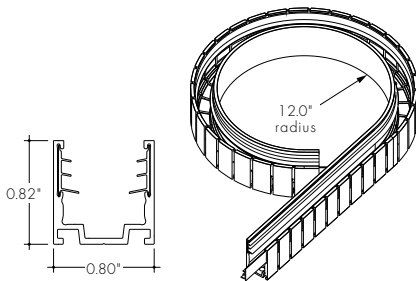
Bendable stainless steel mounting channel providing grip. For use with light strip mounted to the ceiling.
NOTE: Compatible with **HB** - Horizontal Bend only

LVSP-WET
Splice box: wet rated, low voltage, gray
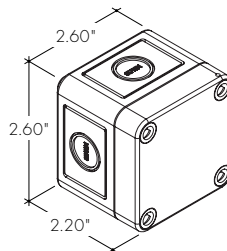
LVSP-WET-CM
Connector for splice box, low voltage for cable management, gray

TW44SO | Power Consumption Per Fixture Length

Based on operation with PDCU series of power supplies. Use Acutal Length for Order Code Entry.
Tolerance for Actual Lengths less than 6 ft is +/- 0.2", Actual Lengths between 6 ft and 16 ft is +/- 0.3", and Actual Lengths greater than 16 ft is +/- 0.6"
A - End Connector at both ends of Kurba (0.20" + 0.20" added to overall length)
B - End Connector at one end of Kurba and No Connector or Back Connector or Side Connector at other end of Kurba (0.20" + 0.08" added to overall length)
C - Any combination of No Connector, Back Connector, or Side Connector on each end of Kurba (0.08" + 0.08" added to overall length)

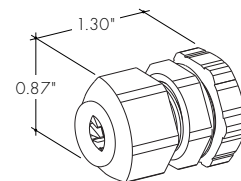| Nominal Length (in)	W	Actual Length (in) A	B	C	Nominal Length (in)	W	Actual Length (in) A	B	C
7	2.1	7.0	6.8	6.7	122	37.1	121.8	121.7	121.5
10	3.1	10.2	10.1	10.0	125	38.1	125.1	124.9	124.8
(1 ft) 14	4.1	13.5	13.4	13.3	128	39.1	128.3	128.2	128.1
17	5.1	16.8	16.7	16.6	(11 ft) 132	40.1	131.6	131.5	131.4
20	6.1	20.1	20.0	19.8	135	41.1	134.9	134.8	134.7
(2 ft) 23	7.1	23.4	23.2	23.1	138	42.1	138.2	138.1	137.9
27	8.1	26.6	26.5	26.4	141	43.1	141.5	141.4	141.2
30	9.1	29.9	29.8	29.7	(12 ft) 145	44.1	144.8	144.6	144.5
33	10.1	33.2	33.1	33.0	148	45.1	148.0	147.9	147.8
(3 ft) 36	11.1	36.5	36.4	36.2	151	46.1	151.3	151.2	151.1
40	12.1	39.8	39.6	39.5	(13 ft) 155	47.1	154.6	154.5	154.4
43	13.1	43.0	42.9	42.8	158	48.1	157.9	157.8	157.6
46	14.1	46.3	46.2	46.1	161	49.1	161.2	161.0	160.9
(4 ft) 50	15.1	49.6	49.5	49.4	164	50.1	164.4	164.3	164.2
53	16.1	52.9	52.8	52.7	(14 ft) 168	51.1	167.7	167.6	167.5
56	17.1	56.2	56.1	55.9	171	52.1	171.0	170.9	170.8
(5 ft) 59	18.1	59.5	59.3	59.2	174	53.1	174.3	174.2	174.0
63	19.1	62.7	62.6	62.5	178	54.1	177.6	177.4	177.3
66	20.1	66.0	65.9	65.8	(15 ft) 181	55.1	180.8	180.7	180.6
69	21.1	69.3	69.2	69.1	184	56.1	184.1	184.0	183.9
(6 ft) 73	22.1	72.6	72.5	72.3	187	57.1	187.4	187.3	187.2
76	23.1	75.9	75.7	75.6	(16 ft) 191	58.1	190.7	190.6	190.4
79	24.1	79.1	79.0	78.9	194	59.1	194.0	193.8	193.7
(7 ft) 82	25.1	82.4	82.3	82.2	197	60.1	197.2	197.1	197.0
86	26.1	85.7	85.6	85.5	200	61.1	200.5	200.4	200.3
89	27.1	89.0	88.9	88.7	(17 ft) 204	62.1	203.8	203.7	203.6
92	28.1	92.3	92.1	92.0	207	63.1	207.1	207.0	206.8
(8 ft) 96	29.1	95.5	95.4	95.3	210	64.1	210.4	210.2	210.1
99	30.1	98.8	98.7	98.6	214	65.1	213.6	213.5	213.4
102	31.1	102.1	102.0	101.9	(18 ft) 217	66.1	216.9	216.8	216.7
105	32.1	105.4	105.3	105.1	220	67.1	220.2	220.1	220.0
(9 ft) 109	33.1	108.7	108.5	108.4	223	68.1	223.5	223.4	223.2
112	34.1	111.9	111.8	111.7	(19 ft) 227	69.1	226.8	226.6	226.5
115	35.1	115.2	115.1	115.0					
(10 ft) 118	36.1	118.5	118.4	118.3					

Note: All values are rounded to the nearest 0.1 inch.

Endcap (No Connector) -NPF
0.08"
Actual Length

End Connector -IME
0.2"
0.87"
Actual Length

Back Connector -IMB
0.08"
0.75"
Actual Length

Side Connector -IMSA and -IMSB
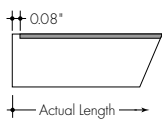0.08"
0.74"
Actual Length

optic arts
by luminii

WD59SO | Power Consumption Per Fixture Length

Based on operation with PDCU series of power supplies. Use Acutal Length for Order Code Entry.
Tolerance for Actual Lengths less than 6 ft is +/- 0.2", Actual Lengths between 6 ft and 16 ft is +/- 0.3", and Actual Lengths greater than 16 ft is +/- 0.6"
A - End Connector at both ends of Kurba (0.20" + 0.20" added to overall length)
B - End Connector at one end of Kurba and No Connector or Back Connector or Side Connector at other end of Kurba (0.20" + 0.08" added to overall length)
C - Any combination of No Connector, Back Connector, or Side Connector on each end of Kurba (0.08" + 0.08" added to overall length)
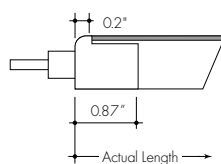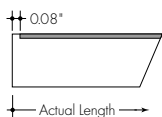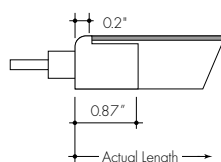
Nominal Length (in)	W	Actual Length (in) A	B	C	Nominal Length (in)	W	Actual Length (in) A	B	C	Nominal Length (in)	W	Actual Length (in) A	B	C
8	2.4	7.8	7.7	7.5	(8 ft) 96	29.4	96.4	96.2	96.1	185	56.4	184.9	184.8	184.7
10	3.1	10.2	10.1	10.0	99	30.1	98.8	98.7	98.6	187	57.1	187.4	187.3	187.2
(1 ft) 13	3.9	12.7	12.6	12.5	101	30.9	101.3	101.2	101.0	190	57.9	189.9	189.7	189.6
15	4.6	15.2	15.0	14.9	104	31.6	103.7	103.6	103.5	(16 ft) 192	58.6	192.3	192.2	192.1
18	5.4	17.6	17.5	17.4	106	32.4	106.2	106.1	106.0	195	59.4	194.8	194.7	194.5
20	6.1	20.1	20.0	19.8	(9 ft) 109	33.1	108.7	108.5	108.4	197	60.1	197.3	197.1	197.0
23	6.9	22.5	22.4	22.3	111	33.9	111.1	111.0	110.9	200	60.9	199.7	199.6	199.5
(2 ft) 25	7.6	25.0	24.9	24.8	114	34.6	113.6	113.5	113.3	202	61.6	202.2	202.1	201.9
27	8.4	27.5	27.3	27.2	116	35.4	116.0	115.9	115.8	(17 ft) 205	62.4	204.6	204.5	204.4
30	9.1	29.9	29.8	29.7	119	36.1	118.5	118.4	118.3	207	63.1	207.1	207.0	206.9
32	9.9	32.4	32.3	32.1	(10 ft) 121	36.9	121.0	120.9	120.7	210	63.9	209.6	209.4	209.3
(3 ft) 35	10.6	34.8	34.7	34.6	123	37.6	123.4	123.3	123.2	212	64.6	212.0	211.9	211.8
37	11.4	37.3	37.2	37.1	126	38.4	125.9	125.8	125.7	214	65.4	214.5	214.4	214.2
40	12.1	39.8	39.7	39.5	128	39.1	128.4	128.2	128.1	(18 ft) 217	66.1	216.9	216.8	216.7
42	12.9	42.2	42.1	42.0	(11 ft) 131	39.9	130.8	130.7	130.6	219	66.9	219.4	219.3	219.2
45	13.6	44.7	44.6	44.5	133	40.6	133.3	133.2	133.0	222	67.6	221.9	221.7	221.6
(4 ft) 47	14.4	47.2	47.0	46.9	136	41.4	135.7	135.6	135.5	224	68.4	224.3	224.2	224.1
50	15.1	49.6	49.5	49.4	138	42.1	138.2	138.1	138.0	(19 ft) 227	69.1	226.8	226.7	226.5
52	15.9	52.1	52.0	51.8	141	42.9	140.7	140.5	140.4					
55	16.6	54.5	54.4	54.3	(12 ft) 143	43.6	143.1	143.0	142.9					
57	17.4	57.0	56.9	56.8	146	44.4	145.6	145.5	145.3					
(5 ft) 59	18.1	59.5	59.3	59.2	148	45.1	148.0	147.9	147.8					
62	18.9	61.9	61.8	61.7	150	45.9	150.5	150.4	150.3					
64	19.6	64.4	64.3	64.1	153	46.6	153.0	152.8	152.7					
67	20.4	66.8	66.7	66.6	(13 ft) 155	47.4	155.4	155.3	155.2					
69	21.1	69.3	69.2	69.1	158	48.1	157.9	157.8	157.6					
(6 ft) 72	21.9	71.8	71.6	71.5	160	48.9	160.3	160.2	160.1					
74	22.6	74.2	74.1	74.0	163	49.6	162.8	162.7	162.6					
77	23.4	76.7	76.6	76.4	165	50.4	165.3	165.1	165.0					
79	24.1	79.1	79.0	78.9	(14 ft) 168	51.1	167.7	167.6	167.5					
82	24.9	81.6	81.5	81.4	170	51.9	170.2	170.1	169.9					
(7 ft) 84	25.6	84.1	83.9	83.8	173	52.6	172.6	172.5	172.4					
87	26.4	86.5	86.4	86.3	175	53.4	175.1	175.0	174.9					
89	27.1	89.0	88.9	88.7	178	54.1	177.6	177.4	177.3					
91	27.9	91.4	91.3	91.2	(15 ft) 180	54.9	180.0	179.9	179.8					
94	28.6	93.9	93.8	93.7	182	55.6	182.5	182.4	182.2					
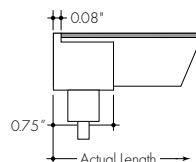
Note: All values are rounded to the nearest 0.1 inch.

Endcap (No Connector) -NPF
0.08"
Actual Length

End Connector -IME
0.2"
0.87"
Actual Length

Back Connector -IMB
0.08"
0.75"
Actual Length

Side Connector -IMSA and -IMSB
0.08"
0.74"
Actual Length
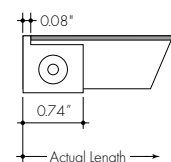
Power Supplies

See fixture and power supply instructions & spec sheet for wiring information. Dimming possible in select models - view Luminii website for list of compatible dimmers.

For use with Warm Dim

Universal Power Supply 1% 120VAC - 277VAC

MODEL	-	POWER	-	OUTPUT

PDCU-D - IP20 Dry Series

30 - 30 W	
60 - 60 W	
96 - 96 W	
3X96 - 3X96 W	

24 - 24 VDC

PDCU-W - IP66 Wet Series

96 - 96 W
3X96 - 3X96 W

0-10V dims down to 1%, MLV/ELV/TRIAC dims down to 1%.
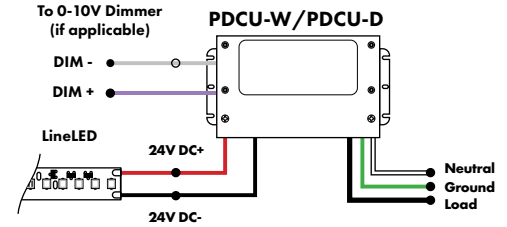For a complete list of compatible dimmers, see Compatible Dimming Chart on the Resources page.

To 0-10V Dimmer (if applicable)
PDCU-W/PDCU-D
DIM -
DIM +
LineLED
24V DC+
24V DC-
Neutral
Ground
Load

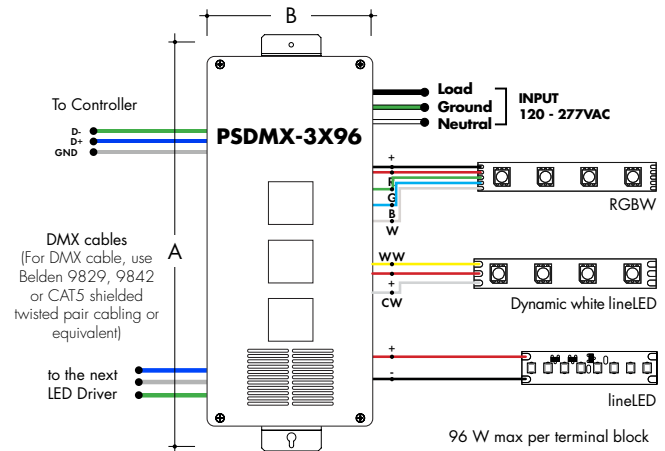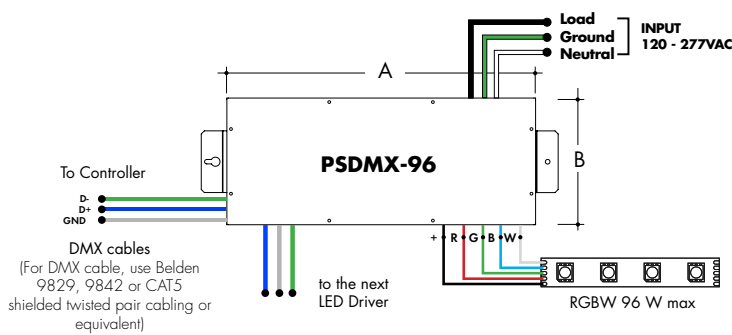| MODELS	PDCU-W 96W	PDCU-W 3X96W	PDCU-D 30W	PDCU-D 60W	PDCU-D 96W	PDCU-D 3X96W
Length	8.66"	11.85"	6.10"	7.93"	8.25"	9.57"
Width	3.73"	4.32"	3.35"	3.35"	4.10"	5.94"
Depth	1.61"	1.81"	1.33	1.32"	1.56"	1.13"

For use with RGB/RGBW, RGB42/RGBW36 or with Tunable White

DMX 0% Dimming Power Supplies 120VAC - 277VAC

MODEL	POWER	OUTPUT

PSDMX - DMX Power Supply dims down to 0%

96 - 96 Watt
3X96 - 3 X 96 Watt

24 - 24 VDC

Features eldoLED's LINEARdrive configurable dimmable drivers.
DDMX-RGBW DMX Decoder not required when purchasing this power supply.

	MODELS	96W	3X96
A	**Length**	14.40"	15.75"
B	**Width**	5.20"	6.62"
	Depth	2.60"	4.95"

PSDMX-96
To Controller
D-
D+
GND
DMX cables
(For DMX cable, use Belden 9829, 9842 or CAT5 shielded twisted pair cabling or equivalent)
to the next LED Driver
Load
Ground
Neutral
INPUT 120 - 277VAC
+ R + G + B + W +
RGBW 96 W max

PSDMX-3X96
To Controller
D-
D+
GND
DMX cables
(For DMX cable, use Belden 9829, 9842 or CAT5 shielded twisted pair cabling or equivalent)
to the next LED Driver
Load
Ground
Neutral
INPUT 120 - 277VAC
RGBW
Dynamic white lineLED
lineLED
96 W max per terminal block

For use with Tunable White

Customizable Dim to Warm or Variable White via 0 - 10V
(for tunable white or warm dimming control of Dynamic option)

MODEL	POWER	OUTPUT	CONTROL

PS010VD- 0-10 LED Driver   96- 96 Watt   24- 24 VDC   WW- Standard One Channel - Dim To Warm Curve
W2C- Standard Two Channel - Dim 1: Intensity; Dim 2: CCT
W21- Standard Two Channel - Dim 1: Warm Channel Intensity;
       Dim 2: Cool Channel Intensity
W1X-____ Custom One Channel - Dim To Warm Curve
W2X-____ Custom two Channel - Dim 1: Intensity; Dim 2: CCT

MODELS	96W	3X96
Length	14.40"	15.0"
Width	5.20"	6.61"
Depth	2.60"	4.56"

Requires a 0-10V controller to work properly
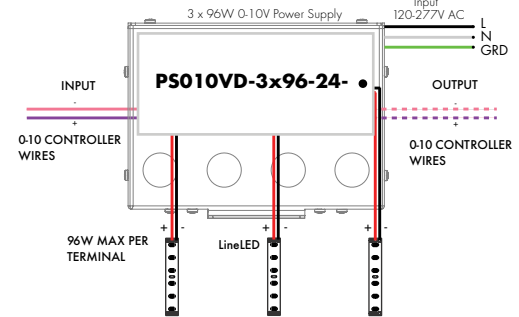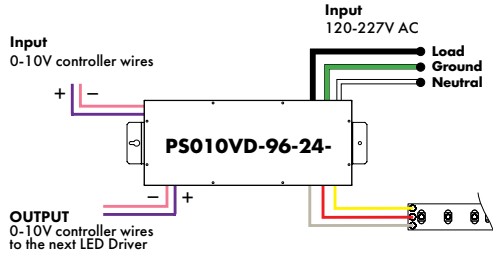
For use with Tunable White

DALI DT8 LED Driver, 120VAC - 277VAC

MODEL	POWER	OUTPUT

PSDALI-DT8 - DALI-DT8 LED Driver   96 - 96 Watt   24 - 24 VDC

Requires a controller and a decoder to work properly

MODELS	96W
A **Length**	14.40"
B **Width**	5.20"
Depth	2.60"
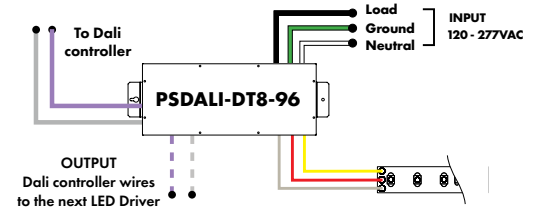
For use with RGB/RGBW/Pixel

Non-Dimming Power Supply 120VAC - 277VAC

MODEL	POWER	OUTPUT	DIMMING	LOCATION

PSV- PSV Series   96- 96 Watt   24- 24 VDC   ND- Non Dimming   D- Dry location

Requires a controller and a decoder to work properly

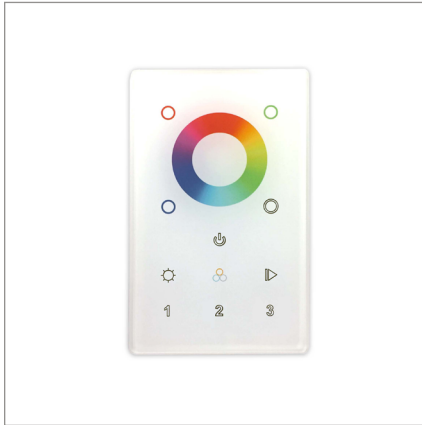| MODELS	96W
A **Length**	14.40"
B **Width**	5.20"
Depth	2.60"

optic arts
by luminii
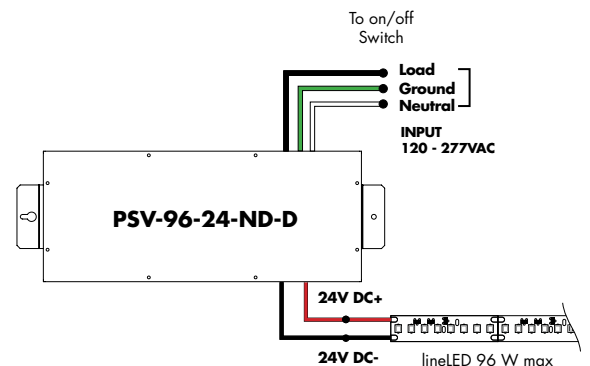
Power Supplies

See fixture and power supply instructions & spec sheet for wiring information. Dimming possible in select models - view Luminii website for list of compatible dimmers.

DMX-1Z-RGBW, DMX-3Z-RGBW

RGBW LED 1 or 3 Zone Controller

DMX /Wireless RGB-W wall-mount controller controls DMX lighting fixtures, wireless control of RGB-W lighting fixture or use both simultaneously. Fits in any standard US switch box. Includes all the outputs in the back of the controller.

Control brightness levels with a single touch, personalize and memorize 3 different scenes, and even create 3 variations of white.

Features

- 2 in 1 in-Wall Controller: DMX Control or Wireless RGB-W
- 65,000 Color Options, Dimming and Speed Control
- Memory Function
- 50 Foot Wireless Range
- Easily Fits Standard US Switch Boxes
- Touch Sensitive Glass Surface
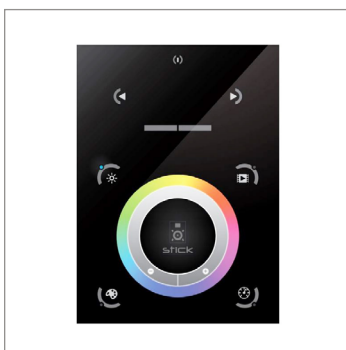- Includes 10 Built in Programs, or Create and Play Your Own

Operating Voltage

12 - 24V DC

Color Parameters

- Brightness
- Saturation
- Primary colors
- Fading
- Color changing speed

ORDERING CODE

MODEL	ZONES	COLOR
	-	-

DMX - DMX Controller

3Z - Three Zone
1Z - One Zone

RGBW - Red, Green, Blue, & White

Touch DMX Controller

Touchscreen digital LED controller

Programmable advanced DMX512 lighting controller featuring a touch-screen interface. Operates as stand alone controller or integrated with most architectural lighting control systems. Can controller endless DMX512 enabled devices.

Mounts to standard single or dual gang wall box with the included power supply inside the junction box. Terminal block design for power and data connections.

Features

- Sleek glass design which sits 0.43" from the wall
- Graphical color display to show selected environment
- Color/dimmer/speed palette
- Color temperature mixing
- Touch sensitive buttons. No mechanical parts
- Touch sensitive wheel allows for accurate color selection
- Multi-zone microSD memory
- Multi-room control with 500 scenes, 10 zones
- 1024 DMX channels. Control 340 RGB fixtures
- USB & Ethernet connectivity for programming and control

Power Supply

7 VDC (included)

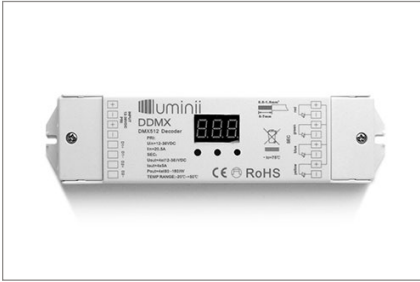**Programmability**

PC, Mac, Tablet, Smartphone

Output Signal

DMX512 (1024 channels)

Color Parameters

- Brightness
- Saturation
- Speed of color changing sequence
- Fading / dimming / brightness

MODEL

TSDMX-E

TSDMX-E - Touchscreen DMX controller

DMX Decoder

DMX signal to RGBW decoder (required to operate DMX controller)

Translates controller DMX512 programs for RGB and white LED strips.

Unique DMX address for the decoder can be set easily and displayed by the numeric display on the case. Changing and resetting the DMX address requires manual input.

Use power repeater to expand output.

Operating Voltage

12-36 VDC

Power Capacity

up to 96W at 24V

Operating Temperature Range

from -4°F to +122°F in case

ORDERING CODE

MODEL

DDMX-RGBW

DDMX-RGBW - DMX decoder

Smart Pixel Decoder

SPI signal to DMX signal decoder

The SR-DMX-SPI is a smart LED pixel decoder that controls RGB/RGBW pixel LED strips with SPI signal. Designed with an OLED backlit panel, the pixel controller allows for easy configuration of most settings. Four push buttons are available for control of the LED functions.

*For pixel only.

Features

- 2 in 1 in-Wall Controller: DMX Control or Wireless RGB-W
- SPI signal output for RGB/RGBW pixel light control
- DMX512 controllable and RF/WIFI remote controllable
- Capable of addressing up to 1020 RGB pixels & 765 RGB pixels
- OLED panel allows for easy configuration

Operating Voltage

12 - 36V DC

Power capacity

up to 96W at 24V

Operating temperature range

from -4°F to +122°F in case

Model

SR-DMX-SPI

SR-DMX-SPI - Smart Pixel Decoder